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Garforth Urban District Council

ANNUAL REPORT

ON THE

Health & Sanitary Conditions

OF THE DISTRICT

FOR THE YEAR 1940

BY

C. C. HARGREAVES, M.B., D.P.H.
(Medical Officer of Health)

AND

G. HORN,
C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.
(Sanitary Inspector).

H. Fawbert & Sons, Castleford.

Garforth Urban District Council

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Garforth Urban District Council

Chairman of the Council:

Councillor R. B. HOLT, J.P.

Vice-Chairman:

County Councillor J. W. SIMPSON, J.P.

Public Health Committee:

Chairman—Councillor G. W. Young.

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Councillor J. Kilburn.

Medical Officer of Health:

Dr. C C. Hargreaves, M.B., D.P.H.

Sanitary Inspector:

George Horn,
C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.

Clerk to the Council:

B. G. Taylor.

Garforth Urban District Council

COUNCIL OFFICES,

GARFORTH.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1940.

Mr. Chairman and Gentlemen,

I have the honour to submit to you my Annual Report on the Health and Sanitary Administration of the Urban District for the year 1940. Incorporated with it is the report of the Sanitary Inspector.

The Report is an " ordinary " report and therefore mainly statistical.

I desire to express my thanks to the Chairman and Members of the Public Health Committee and also the Staff of the Department for their co-operation.

GENERAL STATISTICS.

Area (acres)	4,000
Population	11,770
The number of inhabited houses according to the rate book ...	3,464
Rateable Value	£45,870
Sum represented by Penny Rate	£177/17/10

SOCIAL CONDITIONS.

The District is mostly residential. There is still a considerable amount of unemployment.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR 1940.

LIVE BIRTHS:—	Total	Male	Female
Legitimate	163	93	70
Illegitimate	4	2	2

Birth rate per 1,000 of the estimated resident population 14.2

STILL BIRTHS:—	Total	Male	Female
Legitimate	9	6	3
Illegitimate	1	0	1

Rate per 1,000 population 0.85

RATE PER 1,000 TOTAL (LIVE AND STILL) BIRTHS 56.5

DEATHS OF INFANTS

Under one year of age per 1,000 births :—

	Total	Male	Female
Legitimate	7	4	3
Illegitimate	1	1	0

Rate per 1,000 Births, 47.9.

Number of women dying in, or in consequence of child birth:—NIL.

DEATHS FROM ALL CAUSES :—

Total	Male	Female
135	72	63

Death rate per 1,000 of the estimated resident population, 11.5.

The Registrar-General has supplied a " Comparability Factor ", by which the crude death rate of the Area, viz., 11.5 should be multiplied in order to make it comparable, from a mortality point of view, with the crude death rate of the country as a whole or with the mortality of any local area.

The crude Death rate of the Urban District is 11.5 per 1,000, and when multiplied by this factor (1.10) becomes 12.7 per 1,000.

Remarks on Total Statistics: The Birth Rate of 14.2 for 1940 shows a decrease on the previous year which was 17.5.

The following is a table showing the Birth Rate for the past five years :

Year		Garforth		England & Wales
1936	...	13.7	...	15.9
1937	...	17.7	...	14.9
1938	...	14.7	...	15.1
1939	...	17.5	...	15.0
1940	...	14.2	...	14.6

Death Rate:—The Death Rate of 11.5 shows a slight increase on that of the previous year, which was 11.34. For England and Wales, the Death rate for 1940 was 14.3. It will be noted that the Birth Rate is well above the Death Rate.

The following is a table showing the Death Rate for the past five years :—

Year		Garforth		England & Wales
1936	...	12.9	...	12.1
1937	...	17.2	...	12.4
1938	...	8.8	...	11.6
1939	...	11.34	...	12.1
1940	...	11.5	...	14.3

Chief Causes of Death:—These included 14.3 from Cancer, 47 from Cardio-vascular diseases, 15 from Respiratory diseases other than Tuberculosis, 4 deaths from Tuberculosis, which include 3 from Respiratory and 1 from Non-Respiratory.

A detailed list of Causes of Death is printed in this report.

Infantile Mortality:—The Death Rate of Infants under one year of age per 1,000 births continues to be low. The Rate for England and Wales for 1940 was 55.

The following is a table showing the Death Rate of Infants under one year of age per 1,000 births:—

Year		Garforth		England & Wales
1936	...	81.6	...	59.0
1937	...	74.6	...	58.0
1938	...	35.7	...	53.0
1939	...	46.5	...	50.0
1940	...	47.9	...	55.0

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

It will be noted that there were only four cases of Diphtheria reported during 1940. I am still stressing the advisability of all children being immunised.

Small Pox: No cases of Small Pox were reported in the Council's area.

Measles: There was a considerable amount of measles during the past year. One death resulted.

Whooping Cough: There was a small amount of this disease during 1940 resulting in one death.

Summer Diarrhoea: There was a small amount of this disease during 1940 and one death resulted.

Influenza: There was the usual amount of influenza during the past year: unfortunately three deaths resulted.

Tuberculosis: Seven new cases of Tuberculosis were reported during the year, 5 Pulmonary and 2 Non-Pulmonary. There were 3 deaths from Pulmonary Tuberculosis and 1 death from Non-Pulmonary Tuberculosis.

Ophthalmia Neonatorum: No cases reported.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1940.

Disease	Total cases notified	Cases admitted Hospital	Total Deaths
Small Pox	—	—	—
Scarlet Fever	22	20	—
Diphtheria	5	4	—
Enteric Fever (Paratyphoid)	—	—	—
Puerperal Fever	—	—	—
Puerperal Pyrexia	—	—	—
Pneumonia	4	—	4
Erysipelas	3	—	—
Polioencephalitis	—	—	—
Meningitis	—	—	—
Ophthalmia Neonatorum ...	—	—	—
Cerebro-Spinal Fever ...	1	—	—
Encephalitis Lethargica ...	—	—	—
Measles	375	—	1
Whooping Cough	20	—	1
Totals	430	24	6

The following is a list showing the prevalence of Scarlet Fever & Diphtheria during the last 6 years.

Year	CASES NOTIFIED Scarlet Fever	CASES NOTIFIED Diphtheria	DEATHS Scarlet Fever	DEATHS Diphtheria
1935	4	5	1	1
1936	4	5	—	1
1937	17	50	—	1
1938	3	7	—	—
1939	18	—	—	1
1940	22	5	—	—

NOTIFIABLE DISEASES—(continued.)

Age Periods	Smallpox	Scarlet Fever	Diphtheria and Croup	Enteric Fever incl Paratyphoid	Puerperal Pyrexia	Pneumonia	Erysipelas	Acute Enceph-alitis Lethargica	Total
0	...	...	...	...	...	...	...	...	..
1	...	...	...	...	...	...	...	...	...
2	...	1	...	...	...	...	...	...	1
3	...	3	...	...	...	...	...	..	3
4	...	...	1	...	...	...	...	...	1
5	...	11	2	...	...	...	...	...	13
10	..	3	1	...	...	...	1	...	5
15	...	3	1	...	...	...	...	...	4
20	...		...	...	...	...	...	...	..
25	...	1	...	...	...	...	...	...	1
45	...		...	...	...	...	1	...	1
65 and over...	...		...	...	...	...	1	...	1
Totals ...	...	22	5	...	...	...	3	...	30

The number of cases notified during the year 1940 was 433, including 7 new cases of Tuberculosis, 375 Measles, and 20 Whooping Cough. During the year one death resulted after an attack of Measles and one death from an attack of Whooping Cough.

NEW CASES OF TUBERCULOSIS AND MORTALITY DURING THE YEAR 1940,

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
0	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...
5	...	1	1	...	...	...	...	...
15	1	2	1	...	1	...	...	1
25	...	1	...	...	1	1	...	...
35	...	...	...	...	...	...	...	...
45	...	...	...	...	...	...	...	...
55	...	...	...	...	...	...	...	...
65 and upwards ...	...	...	...	...	...	...	...	...
Totals	1	4	2	...	2	1	...	1

CAUSES OF DEATH IN THE GARFORTH URBAN DISTRICT 1940.

Cause of Death	Males	Females
ALL CAUSES	72	63
1 Typhoid and paratyphoid Fevers	...	...
2 Measles	...	1
3 Scarlet Fever	...	...
4 Whooping Cough	...	1
5 Diphtheria	...	...
6 Influenza	2	1
7 Encephalitis lethargica ...	...	...
8 Cerebro-spinal fever ...	...	...
9 Tuberculosis or respiratory system	2	1
10 Other tuberculosis diseases	...	1
11 Syphilis	1	...
12 General paralysis of the insance, tabes dorsalis	...	...
13 Cancer, malignant disease	6	7
14 Diabetes	...	3
15 Cerebral hemorrhage, &c...	11	7
16 Heart disease	16	11
17 Aneurysm	...	...
18 Other circulatory diseases	1	1
19 Bronchitis	6	6
20 Pneumonia (all forms) ...	2	2
21 Other respiratory diseases	4	2
22 Peptic Ulcer	3	...
23 Darrhoea, &c. (under 2 years)	1	...
24 Appendicitis	...	...
25 Cirrhosis of liver	...	...
26 Other diseases of liver, &c.	...	...
27 Other digestive diseases ..	2	...
28 Acute and chronic nephritis	...	3
29 Puerperal sepsis	...	...

Cause of Death	Males	Females
30 Other puerperal causes ...	...	...
31 Congenial debility, premature birth, malformations, &c.	2	1
32 Senility	...	...
33 Suicide	...	...
34 Other Violence	7	3
35 Other defined diseases ...	6	10
36 Causes ill-defined or unknown	...	...
37 Diarrhœa (2 years & over)	...	...
Special Causes (included in No. 35 above)		
Smallpox	...	...
Poliomyelitis	...	...
Polioencephalitis ..	..	...
Deaths of Infants under 1 year—		
Total	5	3
Legitimate	4	3
Illegitimate	1	...
Live Births—		
Total	95	72
Legitimate	93	70
Illegitimate	2	2
Stillborn—		
Total	6	4
Legimate	6	3
Illegitimate	...	1
Population	11,770	

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Public Health Officers of the Local Authority.

The Staff consists of the Medical Officer of Health and the Sanitary Inspector. The Medical Officer of Health is a part-time Officer. One-half of the salaries of these officials is recovered from the County Council. The Local Authority provides clerical assistance.

CLINICS AND TREATMENT CENTRES.

Name		Situation.
Maternity & Child Welfare Centre.	W.R.C.C.	Garforth
School Clinic.	W.R.C.C. Education Authority	Garforth
Tuberculosis Clinic.	W.R.C.C.	Garforth T.B. Dispensary
V.D. Clinic.	General Infirmary	Leeds

GARFORTH CHILD WELFARE CENTRE.

This Centre is under the control of the West Riding County Council. The mothers attend regularly, and derive particular benefit from the advice given by the staff regarding the Feeding and Welfare of their infants.

LABORATORY FACILITIES.

Bacteriological examinations are undertaken by the West Riding County Council Analysts Department by arrangement with the County Council.

AMBULANCE FACILITIES.

(a) **For Infectious Diseases.**

We have an arrangement with the Tadcaster Rural District Council for the use of their Ambulance, which is kept at the Isolation Hospital, Garforth.

(b) **For Non-Infectious, Maternity and Accident Cases.**

The Council own a modern motor ambulance for these cases at a fixed charge.

Kippax St. John and Miners' Welfare also serve the district with a modern well-equipped ambulance.

PROFESSIONAL NURSING IN THE HOME.

(a) **General.**

The District Nursing Association continues to do useful work in the area. The services of a qualified District Nurse are available in general and midwifery nursing.

(b) **Infectious Diseases.** None.

HOSPITALS.

For Infectious diseases we have an arrangement with the Tadcaster Rural District for the use of the Isolation Hospital at Garforth Cliff, at a fixed charge.

Mortuaries.

The Council owns two Mortuaries; one is situated adjoining the Council's premises in Garforth and the other adjoining the Council Offices in Allerton Bywater.

SANITARY CIRCUMSTANCES OF THE AREA.

Water: The Water is purchased in bulk from the Leeds Corporation; it is of an exceptionally high degree of purity. There has been an adequate and constant supply throughout the year.

Analytical results obtained in the Corporation's Laboratories are as follows:—

Chemical Analysis:—	Parts per 1,000,000	Average No. of Grains per gallon
Total Solids dried at 100°C. ...	9.75	6.92
Residue on Ignition	6.82	4.80
Nitrogen as free and saline ammonia ...	0.0036	0.0024
Nitrogen as albuminoid ammonia	0.0065	0.0046
Nitrogen as nitrites	Nil	Nil
Nitrogen as Nitrates	0.052	0.037
Chlorine present as chloride ...	1.23	0.85

Oxygen obsorbed in 4hrs. at 20°c	0.226	0.163
Temporary Hardness as calcium Carbonate	2.76	1.93
Permanent hardness as calcium sulphate	3.75	2.64
Soap Test : —		
Temporary Hardness	Nil	Nil
Permanent Hardness	4.45	3.12
Total Hardness	4.45	3.12
Lead	Nil	Nil
pH (Lovibond)	8.7	

Bacteriological Examination.

B. Coli was absent in	Quantity	Sampie
100%	10 c.c.	Water
93%	50 c.c.	Water
85%	100 c.c.	Water
84%	150 c.c.	Water

DRAINAGE AND SEWERAGE.

The majority of the drainage is by piped sewers, discharging into the sewage disposal works. During the past year 550 yards of sewer extension have been provided in Allerton Bywater and 50 houses have been connected.

The remaining houses in the area unconnected to our disposal works are situated in the outlying parts of the district.

The drains and sewers were flushed and disinfected regularly during the year and in the case of new houses water carriage system only is entertained.

Every effort has been made to keep the effluent at the sewage disposal works up to the Rivers Board's requirements.

CLOSET ACCOMMODATION.

No. of privies with open Ashpit ...	—
No. of Pail or Tub Closets	4
Privies with covered Middens ...	872
No. or Water Closets	2542
No. of Chemical Closets	4

Public Conveniences: There are modern underground Public Conveniences provided consisting of 3 w.c.'s and 1 urinal. During the past years there has also been provided 2 w.c.'s in the Garforth Church yard to which the public have access.

PUBLIC CLEANSING.

Scavenging and Refuse Disposal.

The Scavenging of Garforth Village is carried out by our own workmen.

Cleansing in Allerton Bywater and Kippax is carried out by contract labour.

The removal of house refuse during the past year was satisfactory. Any complaints received were promptly dealt with.

During the year regular inspections were carried out by the Sanitary Inspector and disinfectant powder is distributed free when required.

The refuse is easily disposed of on to agricultural land, and one half of the area's refuse is disposed of on to the Council's tip.

SCHOOLS.

The water supply to the schools continues to be adequate.

RECREATION GROUNDS.

Four Recreation Grounds are provided.

1. Adjoining the Housing Estate at East Garforth.
2. Barley Hill Road, Garforth.
3. Park Avenue, Kippax.
4. Station Road, Allerton Bywater.

Numbers 2 and 3 Recreation Grounds have been constructed into modern playing fields. Full benefit is made of these.

Eradication of Bed Bugs.

During the year 29 houses were found to be infested some of which were Council houses. Each of the houses were fumigated with H.C.N. gas under pressure.

Before any tenant will be accepted by the Council their furniture and their home is thoroughly inspected by the Sanitary Inspector, and if bugs are discovered the tenant's furniture, etc., is removed in the van under liquid H.C.N. gas. The bedding is sent to the steam disinfector.

All houses are visited from time to time and in this way the necessary education of the tenant is proceeded with.

HOUSING.

(a) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	294
(2) Number of dwelling-houses in which defects were remedied after service of formal notices	83

The continuation of hostilities have prevented any further action being taken under the Housing Acts.

2. Number of new houses erected during 1940.

(a) By Local Authority	Nil
(b) By Private Enterprise	16
Total ...	16

3. Housing Conditions.

(1) Total number of houses in the District	3,464
(2) Number of working-class houses included in the above	3,119

(3) General observations as to housing conditions, overcrowding, and shortage of houses. Housing conditions are very fair and constantly improving. We have no overcrowding in the village of Garforth, but unfortunately there are still 60 cases of definate overcrowding and many cases of possible overcrowding in the villages of Allerton Bywater and Kippax to be dealt with.

These cases of overcrowding in all probability would have been relieved except for the outbreak of hostilities.

4. Housing Act, 1936. Part IV. Overcrowding.

(a)	1. Number of dwellings overcrowding at the end of the year	56
	2. Number of families dwelling therein	60
	3. Number of persons dwelling therein	344
(b)	Number of new cases of overcrowding reported during the year	Nil
(c)	1. Number of cases of overcrowding relieved during the year	1
	2. Number of persons concerned in such cases	4
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ...	Nil
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ...	Nil

INSPECTION AND SUPERVISION OF FOOD.

I. Milk and Dairies Order.

(1)	Number of visits to Cowkeepers	85
(2)	Number of Cowsheds visited	18
(3)	Number of Milk Cows	80
(4)	General Conditions and Type of Cow	Fair
(5)	General Cleanliness of Cows ...	Good
(6)	General Conditions of Sanitation	Good
(7)	Chief Methods of Milk Disposal ...	Retailed Locally

The cowsheds as a whole are kept in a clean condition.

II. Water, Food, and Drugs.

Samples of water taken for analysis	Nil
Samples of water condemned as unfit for use	Nil
Seizure of unwholesome food 7 cwts. 5 stones	
Convictions for exposing or selling unwholesome food	Nil
Samples of food and drugs taken for analysis Milk)	5
Samples of food found adulterated	Nil

III. Other Foods.

Number of Samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928	Nil
Number found adulterated	Nil
Number of prosecutions	Nil
Number of bakehouses in the district	11
Total inspections	100
Number of underground bakehouses	1

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

Examinations under this head are carried out by the West Riding County Council.

BUTCHERS' SHOPS & SLAUGHTERHOUSES.

During the period of Hostilities the majority of the Slaughtering is carried out in the Leeds Abattoir.

SHOPS ACT, 1934, Sections 10 and 13 (3).

There were 200 visits paid under the above Act during 1940, and 15 unsatisfactory conditions were found and remedied.

I am, Gentlemen,

Your obedient Servant,

CLAUDE C. HARGREAVES,

Medical Officer of Health.

SANITARY INSPECTOR'S REPORT.

Summary of work done in the Sanitary Inspector's Department in the year 1940 :—

I.—Public Health Acts.— Particulars.	No. of Informal Written Notices by Inspector	No. of Statutory Notices by Authority	No. of Nuisances abated after Notice.	General Remarks
Dwelling Houses and Schools—				
Foul Conditions	29	Nil	29	Verminous
Structural Defects	40	21	61	
Lodging Houses	Nil	,,	Nil	
Dairies and Milkshops				
Cowsheds	9	,,	9	Choked drains, neglec in Limewashing, unclean utensils, etc.
Bakehouses	2	,,	2	Choked drains and
Slaughterhouses	Nil	,,	Nil	neglect in Limewashing, etc.
Ashpits and Privies	48	2	50	Converted to W.C.'s.
Deposits of Refuse and Manure	3	,,	3	Too near to Buildings and Public Highways
Waterclosets	20	,,	20	Choked Generally.
Defective Yard Paving	Nil	,,	Nil	
House Drainage—				
Defective Traps	30	10	40	Untrapped Sink Wast
No disconnection from Sewers	Nil	,,	Nil	
Defective Cesspools	Nil	50	50	Connected to Sewer
Water Supply	8	,,	13	Insufficient pressure
Pigsties	2	,,	2	Insufficient cleansing and defective drainage
Animals improperly kept ...	Nil	,,	Nil	
Offensive Trades	Nil	,,	Nil	
Smoke Nuisances...	Nil	,,	Nil	
Other Nuisances	Nil	,,	Nil	
Nuisances outstanding from 1935 Shops Acts	Nil	,,	Nil	Insufficient ventilation
Sanitary Accommodation ...	Nil	,,	Nil	and heating
Temperature	15	,,	15	
Totals ...	206	83	294	

II.—Water, Food and Drugs.	Number
Samples of Water taken for Analysis ...	Nil
Do. condemned as unfit for use ...	Nil
Seizures of Unwholesome Food	7 cwt. 5 stones
Convictions for exposing or selling unwholesome food	Nil
Samples of Food and Drugs taken for Analysis (Milk)...	5
Samples of Food found adulterated ...	Nil

III.—Precautions against Infectious Diseases.	Number
Lots of Infectious Bedding stoved ...	29
Houses disinfected after infectious disease	29
Schools do. do.	Nil
Prosecutions for exposure of infected Persons or things	Nil
Convictions for do. do.	Nil

IV.—General.	Number
Number of New Houses erected during the year	16
Number of such houses occupied during the year	16
Ash-pit Privies converted into Ash-closets	Nil
Ashpit Privies converted into Water-Closets	50
New W.C.'s to existing property	Nil
Pail Closets converted into Water Closets	Nil
Total Number of Water-closets in District	2,542
Total Number of Ashpit Privies in the District	872

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES

Including Inspections made by the Sanitary Inspector during the year.

Premises. (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories (including Factory Laundries) ...	30	...	...
Workshops (Including Workshop Laundries)	80	25 verbal	...
Workplaces (Other than Outworkers Premises)	...	...	...
Total ...	110	25	...

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects			Number of offences in respect of which Prosecutions were instituted. (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Nuisances under the Public Health Acts :—				
Want of Cleanliness	6	6	...	...
Want of Ventilation	4	4	...	...
Overcrowding	...	...	...	...
Unreasonable Temperature ...	4	4	...	...
Ineffective Drainage of Floors ...	8	8	...	...
Sanitary Conveniences				
Insufficient	...	...	...	...
Unsuitable or Defective ...	3	3	...	...
Not Separate for Sexes ...	...	...	...	...
Total	25	25	...	...

GEORGE HORN,

C.R.SAN.I., C.R.SAN.I. (MEAT), M.S.I.A.,

Sanitary Inspector.